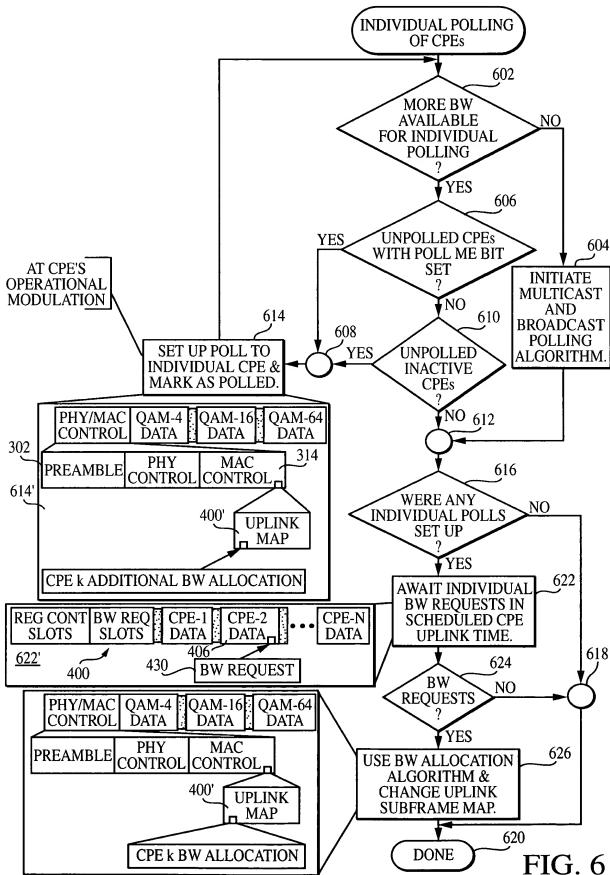
THOD AND APPARATUS FOR AN ABRIDGED BANDWIDTH R
PROTOCOL IN A WIRELESS COMMUNICATION SYS

Zimmerman et al.

Appl. No.: 09/783,671 Atty Docket: ENSEMB.000GEN



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**SLOTS** 

Atty Docket: ENSEMB.000GEN 802 **MULTICAST AND BROADCAST POLLING** 804 BANDWIDTH YES **AVAILABLE** FOR MULTICAST **POLLS** 806 NO POLL NEXT MULTICAST 808 **GROUP IN MAC** BANDWIDTH CONTROL BLOCK NO **AVAILABLE** FOR BROADCAST **POLLS** PHY/MAC QAM-4 QAM-16 QAM-64 CONTROL DATA DATA DATA YES 314 810 PHY MAC PLACE BROADCAST **PREAMBLE** CONTROL CONTROL POLL IN MAC CONTROL BLOCK 400' **UPLINK** MAP 812 MULTICAST MULTICAST OR BROADCAST POLL NO OR BROADCAST POLLS SET UP REG CONT BW REQ CPE-1 CPE-2 CPE-N YES **SLOTS DATA** DATA **DATA** 814 MONITOR BW **REQUEST** CONTENTION SLOTS COLLISION FOR BW SLOTS CPE ID **BW REQUESTS** CONNECTION ID 820 816 **AMOUNT VALID** NO (NON-COLLISION) PHY/MAC QAM-4 QAM-16|:| QAM-64 **BW REQUESTS CONTROL DATA** DATA **DATA** YES PHY **MAC PREAMBLE** 822 CONTROL |CONTROL\_ **USE BW ALLOCATION ALGORITHM &** 400" **UPLINK** 

CHANGE UPLINK

SUBFRAME MAP.

**DONE** 

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FIG. 8

MAP

CPE k BW ALLOCATION